

Subject: Minutes: DSS-13 Weekly Meeting 11-17-08

From: "Veruttipong, Watt" <watt.veruttipong@jpl.nasa.gov>

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To: "Veruttipong, Watt" <watt.veruttipong@jpl.nasa.gov>, "Teitelbaum, Lawrence" <lawrence.teitelbaum@jpl.nasa.gov>, "sgiroux@gdsc.nasa.gov" <sgiroux@gdsc.nasa.gov>, "Kuiper, Thomas B" <thomas.b.kuiper@jpl.nasa.gov>, "Naudet, Charles J" <charles.j.naudet@jpl.nasa.gov>, "l.skjerve@verizon.net" <l.skjerve@verizon.net>, "Bury, Gary W" <Gary.W.Bury@jpl.nasa.gov>, "Rees, Robert W" <Robert.W.Rees@jpl.nasa.gov>, "Dendrenos, Paul J" <Paul.J.Dendrenos@jpl.nasa.gov>, "Lake, Solomon" <Solomon.Lake@jpl.nasa.gov>, "Massey, Kim H" <Kim.H.Massey@jpl.nasa.gov>, "Haroldsson, Robert S" <rharoldsson@gdsc.nasa.gov>, "Gatti, Mark S" <mark.s.gatti@jpl.nasa.gov>, "Jongeling, Andre P" <andre.p.jongeling@jpl.nasa.gov>, "Kelley, Daniel T" <dkelley@gdsc.nasa.gov>

Minutes: DSS-13 Weekly Meeting on 11-17-08

DSS-13 Science/Engineering Activities:

Space Geodesy Program: DSS13 supported the tracking activity on DOY 302 and 303. The track lost six hours of data collection due to the recording disk failure.

11GHz Microwave Spectroscopy: On DOY 318, DSS13 successfully supported the 11GHz tracking event.

GAVRT: A. Freiley was at the station on DOY 318 to characterize the noise bandwidth of the GAVRT post amplifier system and verify the receiver follow-up. He plans to come back again on DOY324.

Lunar S-band Spacecrafts: W. Veruttipong was at DSS-13 on DOY 319 to measure the antenna pattern with subreflector defocus in Z-axis. This is for the proposal on supporting multiple Lunar S-band spacecrafts with DSN 34m BWG antennas. It is planned to use DSS-13 during the validation phase.

Visitors on November 18: Discussion on preparations for visitors from Lincoln Lab

DSS-13 IF to ACME: We plan to perform a test by borrowing Complex's F.O. transceivers. If the test is successful, we will proceed with the procurement of the hardware.

DSS-13 Remote Operations: Again, we have to move the second demonstration of the monitor and control of DSS-13 video surveillance camera signal and weather data at SPC-10 terminal because of a time conflict. Gary will check with R. Dorcey, K. Massey and R. Haroldsson on the date and time for the next demo.

Watt